



SUPERVISING AIR QUALITY ENGINEER, DEPARTMENT OF CONSUMER AFFAIRS

Agency Code: 4299 – Class Code: 9944 – Exam Code: 0PB44

Department(s):	Department of Consumer Affairs
Opening Date:	10/26/2010 9:30:00 AM
Closing Date:	Continuous
Cut-off Date:	8/26/2015
Type of Recruitment:	DEPARTMENTAL OPEN
Salary:	MONTHLY-RANGED-SALARY - \$8,097 - \$9,842
Tenure/Time-base:	Permanent Full-time Permanent Part-time Permanent Intermittent Limited Term Full-time Limited Term Part-Time Limited Term Intermittent
Exam Type:	SPOT Exam Single Selection

EEO

An equal opportunity employer to all regardless of race, color, creed, national origin, ancestry, sex, marital status, disability, religious or political affiliation, age, or sexual orientation.

DRUG FREE STATEMENT

It is an objective of the State of California to achieve a drug-free state work place. Any applicant for State employment will be expected to behave in accordance with this objective, because the use of illegal drugs is inconsistent with the law of the State, the rules governing civil service and the special trust placed in public servants.

WHO SHOULD APPLY?

Applicants who meet the minimum qualifications as stated on this bulletin may apply for and take this Training and Experience Examination at any time. Once you have taken the Training and Experience Examination, you may not retake it for six (6) months.

FILING INSTRUCTIONS

Final File Date: Continuous

Where to Apply: Click the link at the bottom of this bulletin.

ELIGIBLE LIST INFORMATION

A departmental open, merged eligible list will be established for the Department of Consumer Affairs. The names of successful competitors will be merged onto the eligible list in order of final scores regardless of test date. Eligibility expires twelve (12) months after it is established. Once you have taken the Training and Experience Examination, you may not retake it for six (6) months.

REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION

NOTE: All applicants must meet the education and/or experience requirements as stated on this examination announcement.

MINIMUM QUALIFICATIONS

EITHER I

Two years of experience in the California state service performing the duties of a Senior Air Quality Engineer, Department of Consumer Affairs.

OR II

Five years of experience in air quality control monitoring, regulation, research and development, air quality and emissions data collection and analysis; and two years of experience in a full supervisory capacity (1) directing technical staff involved in the development, implementation, or statistical analysis of the vehicle emissions inspection program or enhancements to the program and/or in the evaluation and development of advanced emissions diagnostic and repair processes; or (2) directing recognized technical experts, developing complex studies in air quality control or a closely related field. (Possession of a Bachelor's Degree in Environmental Sciences, Physics, Chemistry, Mathematics, Engineering, or a closely related field may be substituted for two years of experience; possession of a Master's Degree or Doctoral Degree in the same fields may be substituted for three years of experience. Education experience may not be substituted for the required supervisory experience.)

POSITION DESCRIPTION

This is the full supervisory and managerial level in the series. Incumbents plan, organize, and direct highly complex air quality engineering, motor vehicle pollution control programs or investigative studies into the nature and causes of air pollution. Incumbents have responsibility over an area that is critical to the Department's mission, vision, and goals. Incumbents supervise a variety of professional and technical staff including subordinate Senior Air Quality Engineers; and do other related work.

EXAMINATION INFORMATION

Training and Experience Examination - Weighted 100.00%

This examination will consist of a Training and Experience Examination and is the sole component of the Supervising Air Quality Engineer examination. To obtain a position on the eligible list, a minimum score of 70.00% must be received. Competitors will receive his/her score immediately upon completion of the Training and Experience evaluation.

[Click here to preview the Training and Experience Examination.](#)

SCOPE OF EXAMINATION

Knowledge of:

1. Engineering, physics, chemistry, mathematics, and computer science, as related to air quality.
2. The methods of measuring automotive emissions.
3. Research techniques, including the planning of studies and investigations, determining of variables, and developing of reference materials.
4. The techniques and procedures for evaluating research results.
5. The principles of program management and personnel administration.
6. The manager's/supervisor's responsibility for promoting equal opportunity in hiring and employee development and promotion, and for maintaining a work environment that is free of discrimination and harassment.
7. Automotive pollution control systems.

Ability to:

1. Prepare clear, complete, and technically accurate reports.
2. Plan, organize, and direct the work of others.
3. Interpret policies and develop proposals for policies and procedures.
4. Effectively promote equal employment opportunity and maintain a work environment that is free of harassment and discrimination.
5. Apply state-of-the-art engineering, physics, chemistry, mathematics, and computer science, principles, practices and procedures to perform tasks associated with vehicle emissions measurement and program evaluation.
6. Apply appropriate research and analysis techniques to perform studies and investigations to develop and evaluate vehicle emission test procedures and to evaluate the effectiveness of the Smog Check Program.
7. Analyze data and reach sound conclusions.
8. Operate a personal computer with skill using standard & optional office applications.

VETERANS' PREFERENCE POINTS

Veterans' Preference Points will be added to the final score of all competitors who are successful in this examination, and who qualify for, and have requested, these points through the State Personnel Board. Due to changes in the law, effective January 1, 1996, veterans who have achieved permanent civil service status are not eligible to receive Veterans' Preference Points.

CAREER CREDITS

Career Credits will not be added to the final score of this exam, because it does not meet the requirements to qualify for Career Credits.

CONTACT INFORMATION

State Personnel Board
Exam Services Unit
801 Capitol Mall
Sacramento, CA 95814

(866) 844-8671
California Relay (Telephone) Service for the Deaf/Hearing Impaired:
From TDD: (800) 735-2929
From Voice: (800) 735-2922

DISCLAIMER

Please click on the link below to review the official California State Personnel Board class specification:

<http://spb.ca.gov/jobs/resources/jobspecs.htm>

GENERAL INFORMATION

Applications are available at www.jobs.ca.gov, State Personnel Board offices, and local offices of the Employment Development Department.

If you meet the requirements stated on this bulletin, you may take this examination, which is competitive. Possession of the entrance requirements does not assure a place on the eligible list. Your performance in the examination described on this bulletin will be rated against a predetermined job-related rating, and all candidates who pass will be ranked according to their scores.

The Department of Consumer Affairs reserves the right to revise the examination plan to better meet the needs of the service, should the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all competitors will be notified.

Candidates needing special testing arrangements due to a disability must mark the appropriate box on the application and/or contact the testing department.

Hiring Interview Scope: In a hiring interview, in addition to the scope described

in this bulletin, the panel will consider education, experience, personal development, personal traits, and fitness. In appraising experience, more weight may be given to the breadth and recency of pertinent experience, and evidence of the candidate's ability to accept and fulfill increasing responsibilities than to the length of his/her experience. Evaluation of a candidate's personal development will include consideration of his/her recognition of his/her own training needs; his/her plans for self-development; and the progress he/she has made in his/her efforts toward self-development. For more information, you may refer to the classification specification.

General Qualifications: Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required. In open examinations, investigation may be made of employment records and personal history and fingerprinting may be required.

Eligible Lists: Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) sub-divisional promotional, 2) departmental promotional, 3) multi-departmental promotional, 4) service-wide promotional, 5) departmental open, 6) open. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in one to four years unless otherwise stated on the bulletin.

Veterans' Preference Points: California Law (Government Code 18971-18978) allows the granting of Veterans' Preference Points in open entrance and open, non-promotional entrance examinations. Veterans' Preference Points will be added to the final score of all competitors who are successful in these types of examinations, and who qualify for, and have requested by mail, these points. **In open (only)** entrance examinations, Veterans' Preference Points are granted as follows: 10 points for veterans, widows and widowers of veterans, and spouses of 100% disabled veterans (5 points for widows, widowers, and spouses if the veteran was in the National Guard); and 15 points for disabled veterans. **In open, non-promotional** entrance examinations, Veterans' Preference Points are granted as follows: 10 points for veterans, and 15 points for disabled veterans. Employees who have achieved permanent State civil service status are not eligible to receive Veterans' Preference Points. "Permanent State civil service status" means the status of an employee who is lawfully retained in his/her position after completion of the applicable probationary period. This includes permanent intermittent, part-time, and full-time appointments. In addition, individuals who at any time achieved permanent State civil service status and subsequently resigned, or were dismissed from State civil service are not eligible to receive Veterans' Preference Points. Veteran status is verified by the State Personnel Board (SPB). Directions to apply for Veterans' Preference Points are on the Veterans' Preference Application (Std. Form 1093), which is available at www.spb.ca.gov or from the State Personnel Board, 801 Capitol Mall, Sacramento, CA 95814, and the Department of Veterans Affairs.

DEPARTMENT OF CONSUMER AFFAIRS, Selection Services, P.O. Box 980428, West Sacramento, CA 95798-0428, (916) 574-8370

TAKING THE EXAM

When you click the link below, you will be directed to the Training and Experience Examination. At the end of the Training and Experience Examination, it will be instantly scored upon your request.

[Click here to go to the Training and Experience Examination for Supervising Air Quality Engineer.](#)